

SPECIFICALLY TARGETED CATALYTIC ANTAGONISTS AND USES THEREOF

ABSTRACT OF THE DISCLOSURE

5 This invention provides chimeric molecules that are catalytic antagonists of a target molecule. The catalytic antagonists of this invention preferably comprise a targeting moiety attached to an enzyme that degrades the molecule specifically bound by the targeting moiety. The catalytic antagonists of this invention thus bind to a target recognized by the targeting moiety (*e.g.*, a receptor) the enzyme component of the chimera then degrades all or part of the target. This typically results in a reduction or loss of activity of the target and
10 release of the chimeric molecule. The chimeric molecule is then free to attack and degrade another target molecule.

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